AUTHOR INDEX — VOLUME 33

Abol-Ela, Said, 640
Acosta, Daniel, 256
Adamus, Grazyna, 499
Adolphe, Monique, 15, 703
Aigner, Joachim, 407
Aizawa, Shinichi, 668
Akagawa, Yasumasa, 302
Akins, Robert E., 337
Alvares, Carmelita, 803
Amaro, Rafaela, 662
Andrew, A., 774
Antoshina, Elena, 212
Appel, Joseph M., 503
Arakawa, Masaaki, 751
Arditi, Moshe, 243
Arita, Yoshi, 717
Asselin, Claude, 598
Athawale, S. S., 161
Atkin, S. L., 158
Auersperg, Nelly, 665
Awad, Michael, 562

Babu, Mary, 223
Bačáková, L., 410
Badet, Josette, 553
Baker, Tacey L., 358, 375, 398
Balakrishnan, A., 484
Balasubramani, Manimalha, 223
Balba, Yvonne, 77
Banerjee, K., 161, 425
Baranov, Eugene, 745
Barley-Maloney, Lise, 261
Barnhill, Mary Ann, 588
Bartsch, Georg, 742
Barzen, K. A., 164
Basu, A., 425
Beaudoin, Jude, 717
Becker, Horst-Dieter, 536
Becker, Jeanne L., 325, 366
Beery, Rachel, 129
Bendayan, M., 118
Bienieki, Theresa C., 562
Blackburn, Warren D., Jr., 37
Blancher, Christine, 15
Blay, Jonathan, 731
Blouin, Richard, 717
Bode, Gerd, 692
Bode, Jürgen, 825
Boman, Bruce M., 18
Bonnaure-Mallet, Martine, 30
Borge, Laurence, 703
Bottone, M.-G., 410
Boudreau, Francois, 598
Bowen, John M., 152
Boxberger, Hans-Jürgen, 536
Boylan, Joan M., 562
Boyle, J., 174
Bridges, Michael A., 82
Brown, D., 352
Brown, R. A., 110
Buffing, Anita A. M., 42
Bujía, Jesús, 407

Camden, J. M., 164
Castiglioni, Evelyn, 483
Chang, Chia-Cheng, 282
Chang, Shi-Ming, 375
Chegini, Nasser, 622
Chen, Chiung-Shan, 796
Chen, George T. C., 665
Chen, Jan-Kan, 248
Cherington, Van, 503
Chiang, Ann-Shyn, 452
Chiang, Gisela G., 503
Chilian, W. M., 738
Chishima, Takashi, 745
Chopra, V., 432
Chow, Ming, 809
Christianson, Michael L., 234
Chromiak, Joseph, 659
Chung, Leland W. K., 375
Cifrian, E., 201, 206
Cilluffo, Marianne C., 546
Clarke, Ellen, 608
Claycomb, William C., 428
Condreay, J. Patrick, 228
Condreay, Lynn D., 228
Cooper, David, 398
Corlu, Anne, 30
Cowley, Heather M., 277
Crisanti, Patricia, 15
Cronauer, Marcus V., 742
Cruz, T., 174
Culig, Zoran, 742
Cutaia, Michael, 608

Daigle, Nathalie, 717
Daniel, Thomas O., 261
Das, Pranab K., 42
Davies, Barry R., 665
Dawicki, Doloretta D., 608
Delcourt-Huard, Agnes, 30
Del Tatto, Michael, 659
Demetris, Jake, 803
Demignot, Sylvie, 703
Denney, Richard M., 187
Denyer, M., 110
Dinh, T. V., 432
Dodson, M. V., 791
Duvos, Christian, 473

Eder, Iris E., 742
Elkhalifa, M. Y., 88
Emami, Shahin, 503
Emura, Makito, 3, 602
Engel, Leslie, 443
Enjoji, Munechika, 681
Evans, Mark, 734
Everton, Erin N., 606

Fain, Gordon L., 546
Fan, F., 479
Farahbakhsh, Nasser A., 546
Faris, Ronald A., 562
Farrell, H. M., 206
Fernando, Shaneli, 562
Filippatos, Gerasimos S., 195
Fitzgerald, W., 352
Ford, R. D., 352
Foster, Gary, 261
Foy, P. M., 158
Francis, Karen M., 332
Fransen, Margaret E., 677
Freed, Lisa E., 381
Frey, J., 757
Freyer, J. P., 73
Friedl, P., 710
Fushimi, Kazuo, 628

Galand, Paul, 655
Galloway, Denise A., 42
Gao, Chong, 628
Geier, Avraham, 129
Genestie, Isabelle, 692
Germain, Glen S., 581
Ghassemifar, M. Reza, 622
Giannotti, Joseph, 640
Gibson, G., 174
Gogate, S. S., 425
Golenbock, Douglas T., 647
Gollin, Susanne M., 803
Gonda, Steve R., 337, 386
Goodwin, Thomas J., 344, 352, 358, 366, 375, 398, 459
Grant, Roberta L., 256
Grausam, Matthias C., 536
Gray, Elaine, 492
Graz, C. J. Michael, 277
Greenberger, Joel S., 503
Grimsley, Gerald R., 1
Grondin, Gilles, 717
Gruenert, D. C., 164

AUTHOR INDEX — VOLUME 33

Gruppuso, Philip A., 562
Grymes, R. A., 392
Guery, Christophe, 692
Guidry, A. J., 201, 206
Gwebu, Ephraim Tobela, 672
Gwebu, Nomalanga Thenjiwe, 672

Haimsohn, Michal, 129
Hanazono, Makato, 668
Hannigan, E. V., 432
Hansen, Michael, 503
Harris, Edward D., 2
Hartzell, Charles R., 337, 386
Hasegawa, Satoshi, 232
Hatzi, Elissavet, 553
Helland, Ingrid B., 182
Hemi, Rina, 129
Hipkin, L., 158
Hirabayashi, Kazuhiko, 668
Hirohashi, Setsuo, 602
Hittmair, Anton, 742
Hobisch, Alfred, 742
Hoffman, Robert M., 745
Holbrook, Glenn L., 452
Horiba, N., 156
Horiguchi, Yuji, 796
Horman, Sandrine, 655
Hoskin, David W., 731
Hossner, K. L., 791
Houghton, Peter J., 581
Hu, Y. F., 495
Huber, Brian E., 228
Hughes, W. Frank, 195
Hurwitz, David R., 503
Hutzler, Peter, 407

Ikeda, Yayoi, 232
Ilantzis, Christian, 50
Imamura, Sadao, 796
Imperato-Kalmar, Eileen L., 499
Ingram, M., 459
Iwashima, Akira, 751

Jamasbi, Roudabeh J., 137
Jang, Jun-Hyeog, 727, 819
Jeffreys, R. V., 158
Jessup, J. M., 352
Joffre, Annick, 30
Johnson, Lance, 294
Jørgenson, Leif, 182

Kagamu, Hiroshi, 751
Kajiyama, Kiyoshi, 681
Kan, Mikio, 302, 727, 819
Kandel, R. A., 174
Kao, Chien-Yuan, 282
Karasik, Avraham, 129
Kastenbauer, E., 407
Katoh, Shinsuke, 595
Katyal, Sikandar L., 602
Kawai, Yukie, 512
Kelly, David, 294
Kennedy, Susan M., 236
Keys, J. E., 201, 206
Kim, Dong K., 289
Kim, Kwang Sik, 243
Kinard, Fabienne, 92
Kingsley-Kallesen, Michelle, 294
Kino, Keiji, 628
Kirchgesser, Michael, 503
Kisaalita, William S., 152, 734
Klementsen, Beate, 182
Knutson, Victoria P., 77
Kobayashi, Mieko, 751
Kocourek, F., 410
Kodama, Makoto, 150
Kong, Monica, 809
Kono, Yumi, 467
Koren, Ruth, 310
Kovář, Jan, 633
Krebs, Jean M., 187
Kriegerbecková, Karin, 633
Kühn, Lukas C., 633
Kunz-Schughart, L. A., 73
Kuver, Rahul, 104

Lamar, Peter C., 516
Lan, Que, 615
Lapp, Carol A., 592
Lebel, Denis, 717
Lee, Sum P., 104
Leighton, Joseph, 783
Lelkes, Peter I., 344
Lemanski, Larry F., 677
Lemare, Francois, 703
Le Poole, I. Caroline, 42
Léry, Xavier, 640
Leung, Earnest H., 665
Leung, Peter C. K., 665
Levine, Peter H., 503
Levy, E., 118
Li, Lingna, 745
Liberman, Uri A., 310
Locker, Joseph, 803
Lointier, Patrice, 18
Lorenzen, Giocondo, 692
Lovitch, Dinah, 234
Lund, Robert B., 734
Lynch, H. T., 495
Lynn, D. E., 487

Macera, Michael J., 147
MacKenzie, Willena M., 731
Madri, Joseph A., 684
Magliore, Henry, 30
Maier, Robert H., 218
Mairesse, Nicole, 655
Marathe, B. A., 425
Mareš, V. Lisá, 410
Maria, Silvya Stuchi, 748
Martin, Murphy, 261
Martinson, J. A., 674
Maruguchi, Yukiya, 796
Massoubre, C., 757
Mathis, Dwayne, 672
Matsui, Hisao, 527
Matsuyoshi, Norihisa, 796
Mayer, Hubert, 473
McCarthy, William J., 315
McIntyre, Bradley W., 398
McKanna, James, 261
McKeehan, Wallace L., 727
McLachlin, Jeanne R., 575
McNamara, Morgan, 236
Mehran, M., 118
Meininger, C. J., 738
Ment, Laura R., 684
Merrill, Wilma, 503
Metzger, Joseph M., 270
Meyer, Thomas F., 536
Mielke, Christian, 825
Mihara, Koichiro, 628
Miller, Lois K., 575
Minghetti, Phillip P., 37
Miripol, J. E., 674
Mishra, M., 110
Mitsuhashi, Jun, 512
Mitsui, Youji, 595, 751
Miyagi, Yohei, 745
Moenner, Michel, 553
Molnar, Greg, 386
Moore, C. M., 88
Moore, Karen, 62
Moossa, A. R., 745
Morin, Jean-Paul, 692
Morisset, Jean, 717
Morris, Charles F., 606
Mourya, D. T., 425
Musílková, Jana, 633
Mutchler, Aimee L., 499

AUTHOR INDEX — VOLUME 33

Nachman, A., 352
Nakanishi, Teruyuki, 232
Nakayasu, Chihaya, 232
Nalesnik, Michael, 803
Namba, Masayoshi, 628
Narayan, K. S., 459
Nasir, J., 240
Nawata, Hajime, 681
Nguyen, Toan D., 104
Nichols, David H., 18
Nicholson, Daniel L., 218
Niggemann, B., 710
Nihei, H., 489
Nikolai, G., 710
Nikolaychik, Victor V., 344
Nissen, Eberhard, 28, 414
Nitta, K., 156, 489
Norvell, Tonya M., 137
Nybo, Rebecca E., 606

Oakley, Cory S., 282
O'Callaghan, R. J., 416
Ochiai, Atsushi, 602
O'Connor, Kim C., 332
Ohashi, Shinichi, 751
Okamoto, Nobuaki, 232
Okamoto, Tetsuji, 302
Osborne, William R. A., 104
Ostrowski, Lawrence E., 212

Pant, U., 161
Papazian, Lisa M., 608
Papenhausen, Peter R., 325
Parker, M. S., 416
Parks, Nancy, 608
Parrish, Alan R., 584
Pauli, Georg, 28, 414
Pellicciari, C., 410
Pellis, Neal R., 398
Piedrahita, Jorge A., 62
Pizzini, Roland P., 398
Platica, Micsunica, 147
Platica, Ovidiu, 147
Platko, Joseph D., 84
Pories, Walter J., 218
Prasadarao, Nemani V., 243
Prewett, Tacey L., 366
Prozialeck, Walter C., 516
Purser, Susan M., 218

Qiao, Renli, 195
Quintanilla, Belle, 18
Quissell, D. O., 164

Rabinowitz, Claudette, 422
Ramos, Esther, 344
Ramos, Kenneth S., 584, 738
Randhawa, Parmjeet, 803
Rascle, F., 757
Rattner, A., 757
Ravalec, Marc, 640
Ravid, Amiram, 310
Rawdon, B. B., 774
Redman, R. S., 164
Reich, Kristian, 536
Remacle, Claude, 92
Reynolds, P. D., 88
Richardson, Stephanie, 672
Richardson, Věra, 633
Riddiford, Lynn M., 615
Rinkevich, Baruch, 422
Risin, Diana, 398
Rizzino, Angie, 294
Roberts, Eve A., 467
Robinson, C. Jane, 492
Roll, Richard, 18
Rondeaux, Philippe, 655
Ronot, Xavier, 763
Roskelley, Calvin D., 665
Rounds, Sharon, 608
Rubin, Harry, 809
Russo, I. H., 495
Russo, J., 495
Rust, Elizabeth M., 270
Ryan, Lisa K., 647
Ryan, Una, 443

Saati, Nava, 310
Sabido, O., 757
Sadhu, D. N., 738
Saida, Kaname, 751
Sakai, Hironori, 681
Sakamoto, Akihiko, 302
Samuelson, Linda C., 270
Sánchez, Laura, 662
Saroufeem, R., 459
Sathe, P. S., 425
Sato, Gordon H., 302
Sato, J. Denry, 302
Savard, Christopher, 104
Sawamoto, Kazunobu, 569
Sawyer, C., 392
Scammell, J. G., 88
Scaramuzzino, Dominick, 684
Schal, Coby, 452
Schneider, Yves-Jacques, 92
Schoecklmann, Harald, 261
Scholtz, Beáta, 294
Scholtz, J. Martin, 1
Schroedl, Nancy A., 337, 386
Schübeler, Dirk, 825
Schultz, Gregory S., 622
Scutt, Andrew, 473
Sehgal, P. K., 223
Seidman, E., 118
Seigel, Gail M., 499
Seiser, Christian, 633
Selassie, Michael, 672
Sergent-Engelen, Thérése, 92
Sessler, Michael J., 536
Shansky, Janet, 659
Shapiro, M., 487
Shima, Tomoko, 628
Shimada, Hiroshi, 745
Sierek, Gertraud, 742
Singh, Gurmukh, 602
Smith, Duane M., Jr., 428
Smith, S. L., 674
Smits, Henk L., 42
Spaulding, Glenn F., 332, 352, 366, 398, 459
Speagle, M., 174
Speirs, V., 240
Spence, H. A., 416
Stanners, Clifford P., 50
Steimberg, Nathalie, 15
Stewart, William B., 684
Stins, Monique F., 243
Sudeep, A. B., 161
Suzuki, Takahiko, 595
Sznajder, J. Iasha, 195

Taha, Ahmed, 640
Takada, Kazuaki, 302
Takahashi, Naommy, 569
Takata, Takashi, 302
Talbot, Brian G., 717
Tan, Yuying, 745
Tanaka, Yoshiharu, 302
Tarnuzzer, Roy W., 622
Tarpila, Erkki, 622
Techy, G. B., 459
Thenet-Gauci, Sophie, 15
Thomas, Stephen, 492
Thurnher, Martin, 742
Toda, Ken-Ichi, 796
Tokiwa, Takayoshi, 150
Tomisawa, Hiroko, 668
Tomooka, Yasuhiro, 668
Tracqui, Phillippe, 763
Tranqui, Léone, 763
Trouet, André, 92

AUTHOR INDEX — VOLUME 33

Tsuneyoshi, Masazumi, 681
Tsutsui, T., 489
Tucker, J. A., 88
Turner, J. T., 164

Uhal, Bruce D., 195
Unsworth, Brian R., 344
Usha, S., 484
Usson, Yves, 763

Vailhé, Bruno, 763
Van Amstel, Peter J., 42
Van Den Berg, Frank M., 42
Vandenburgh, Herman, 659
Van Den Wijngaard, René M. J. G. J., 42
Vater, Joachim, 414
Vaughn, J. L., 479
Verma, Ram S., 147
Vermeulen, Mary W., 647
Viengchareun, Say, 15
Vierck, J., 791
Vollenbroich, Dirk, 28, 414
Vunjak-Novakovic, Gordana, 381

Wada, Maria Lucia Furlan, 748
Walker, Dana B., 483
Wang, Der-Yuan, 248
Wang, Fen, 819
Wang, Shainn-Wei, 315
Wankowski, Dawn M., 344
Ward, Daniel, A., 588
Warden, Jeannine A., 672
Weber, Thomas J., 584
Welsch, Clifford W., 282
Welter, J., 674
Werner, M., 710
Westerhof, Wiete, 42
Westfall, Margaret V., 270
White, M. C., 158
Whiteside, Theresa, 803
Widen, Raymond H., 325
Wildrick, David M., 18
Williams, Joanne, 672
Wòjciak-Stothard, B., 110
Wu, Jiayi, 647
Wu, Xiaochong, 727

Yabe, Noritsugu, 527
Yamanaka, Takenori, 302
Yang, Meng, 745
Yang, Suyun, 467
Yang, Vivian C., 248
Yatsuzuka, Nobuhiro, 302
Yazan, O., 459
Ye, Ming-Qi, 137
Yemm, R., 791
Yen, Andrew, 84
Yumura, W., 489

Zajdel, Robert W., 677
Zalipsky, U., 495
Zänker, K. S., 710
Zannoni, Sonia, 598
Zeevi, Adriana, 803
Zhang, Huang-Ge, 37
Zhau, Haiyen E., 375
Zhou, Jin, 243
Zhu, Yongze, 677

SUBJECT INDEX — VOLUME 33

aging cells, 809
airway epithelial cells, 82
allogenic recipient mice, 674
alpha-sm actin, 622
alveolar epithelium, 195
alveolar macrophage cell lines, 647
amB, 592
Ambystoma mexicanum, 677
ß-amyloid peptide 25–35, 672
anti-arthritic agents, 37
aortic muscle cell migration, 443
arthritis disease cell model, 37
automated selective dissociation of spheroids, 73

Bacillus thuringiensis (Bt) toxins, 315
Botryllus schlosseri, 422
bovine brain endothelial cells, 243
bovine chondrocytes, 358
bovine mammary cells, 201, 206
brain endothelial cells, 243
breast cancer, 495
breast epithelial cells, 282

Caco-2 cells, 118
Cadmium, 516
cAMP, 310
canine bone marrow stromal cells, 503
carcinoembryonic antigen, 352
carcinogens, 495
cardiac myofibrillogenesis, 677
cardiomyocyte proliferation assay, 428
CDDP cytotoxicity, 218
$CD4^+$ T lymphocytes, 710
$CD8^+$ T lymphocytes, 710
cell-cell adhesion, 731
cell-cell junctions, 516
cell size changes, 734
cerebral endothelial differentiation, 684
cervical cancers, 432
chick insulin cells, 774
chick myoblast omega cells, 187
chicken embryo neurons and astrocytes, 416
chicken embryo tibiae, 473
cholangiocarcinoma cell lines, 681
chondrocytes, 15, 358, 407, 703
CHSE-214, 662
CNS disease, 243
cockroach corpora allata, 452
collagen, 223
collagen gel sandwich culture, 467
collagen rafts, 546
colonial tunicate, 422
colon carcinoma cells, 50
colonic crypt isolation, 18
colonic mucosa, 18
colonic tissue architecture assay, 50
conjunctival melanoma, 236
connective tissue contraction, 622
corpora allata, 452
culture morphology and strain, 392

dimethyl sulfoxide, 731
doubling time, 289

EAhy926, 492
endothelial muscle cells, 92
endothelin-1, 751
environmental chemical carcinogens, 495
epidermal growth factor (EGF), 228
ePTFE, 150
estrogen receptors, 240
explant cell cultures, 206
extracellular matrices, 588

Fall Armyworm Ovary cells, 332
fetal hepatocyte growth regulation, 562
fetal renal cells, 598
fibroblast growth factor (FGF), 727
fibroblast growth factor-7 (FGF-7), 819
fibronectin fibers, 110
FLP recombinase, 825

gill tissues, 425
ginbuna crucian carp, 232
gingival epithelium, 30
glomerular epithelial cells, 489
granulosis virus multiplication, 640
green fluorescent protein, 745
GTSF-2, 344
GVH response, 674

heparan sulfate, 819
heparin, 727
hepatocyte morphology and function, 569
hepatocytes, 467
High-Aspect Ratio Vessel (HARV), 332
histoculture, 745
*hsp*27 gene, 655
HT-29 cells, 277
$H\text{-}2K^b\text{-}tsA58$ transgenic mouse, 717
human aortic smooth muscle cell migration, 443
human breast cancer, 495
human breast epithelial cells, 282
human cervical cancers, 432
human chondrocytes, 407
human colon carcinoma cells, 50
human colonic mucosa, 18
human fetal renal cells, 598
human gingival epithelium, 30
human glomerular epithelial cells, 489
human hepatocytes, 467
human intestinal cells, 536
human melanocyte cell line, 42
human osteoblastic cells, 757
human osteoblasts, 240
human ovarian cancer cells, 218
human ovarian surface epithelium, 665
human pituitary tumor adhesion, 158
human prostate cell culture, 375, 742
human renal microvascular cells, 261
human respiratory epithelium, 602
human T cells, 710
human tumor cell lines, 459
HUVEC, 492
HVG response, 674

IL-6, 592
immortalization, 628
immortalized glomerular epithelial cells, 489
immortalized mesangial cell line, 156
immortalized pancreatic cell line, 717
influenza viruses, 416
insect-cell culture, 332
insect cells, 479, 512, 575
insulinlike growth factor (IGF), 791
insulin resistance, 77
intestinal cells, 536
intracellular pH, 256
in vitro angiogenesis, 763, 796
in vitro biocompatibility test, 223
in vitro doubling time, 289
IP_3, 484

SUBJECT INDEX — VOLUME 33

iron chelates, 527
IRP activity, 633
isogenic ginbuna crucian carp, 232

keratinocyte growth factor, 606

Labeo rohita gill tissues, 425
lenticular pouches, 783
liver cell lines, 228
LNCaP-OM, 147
lymphocyte locomtion, 398

mammalian cells, 344
Manduca cells, 615
MCF-7 cells, 129
MDCK cells, 516
melanocyte cell line, 42
Mexican axolotl embryos, 677
microgravity, 332, 337, 386, 398, 459
microgravity tissue engineering, 381
milk proteins, 201
mineralization, 234
mineralized cartilagenous tissue, 174
mineral metabolism, 473
mistletoe, 710
molecular biology, 1, 483
monkey hepatocytes, 228
monkey lymphocytes, 88
mouse embryonic cardiac myocytes, 270
mouse gallbladder, 104
murine carcinoma cell line, 137
muscle cell migration, 443
muscle cells, 92
mutant p53, 628
mycoplasma inactivation, 414

NaCl, 727
Na^+/H^+ antiport activity, 608
neuroblastoma cells, 734
N1E-115 neuroblastoma membrane, 152
nonpigmented cells, 546

1,25-dihydroxyvitamin D_3, 310
organoid tissue, 783
Orgyia leucostigma, 487
osteoblastic cells, 757
osteoblasts, 240
osteopontin overexpression, 584
ovarian cancer cells, 218
ovarian mixed mullerian tumor, 325, 367
ovarian surface epithelium, 665
owl monkey lymphocytes, 88
oxidized LDL, 248

passaged chondrocytes, 703
paxillin, 84
PDGF, 443
periodontal ligament-derived cells, 302
p53-deficient mice, 668
pHi, 256
Phthorimaea operculella, 640
phytic acid, 581
pituitary tumor adhesion, 158
porcine inner cell mass (PCIM), 62
posttransplant lymphoproliferation, 803
potato tuber moth, 640
preadipocytes, 791
primary cell cultures, 206
prostate cell culture, 375, 742
provirus excision, 825
pulmonary alveolar epithelium, 195

rabbit articular chondrocytes, 15
rabbit kidney cells, 693
radioresistability, 137
RAPD-PCR, 512
rat cardiac myocytes, 595
rat cardiomyocyte proliferation assay, 428
rat dermal fibroblasts, 527
rat heart cells, 337
rat hepatocyte proliferation, 562
rat mesangial cell line, 156
rat muscle cells, 410
rat submandibular acinar cells, 164
rat tracheal cells, 212
renal microvascular endothelial cells, 261
respiratory epithelial stem cell, 3
respiratory epithelium, 602
retinal pigment epithelium, 588
Rmo cells, 187
RNA, 2
RNases, 553
RTG-2, 659
R28 recoverin expression, 499

salmonid cell lines, 662
salt. *See* NaCl
satellite cells, 386, 791
serially passaged chondrocytes, 703
17ß-estradiol, 738
skeletal muscle satellite cells, 386
smooth muscle cells, 92
spheroids, 73
Spodoptera litura (F.), 161
Spodoptera sp. MEC, 315
surfactin, 414

T cells, 710
TGF-ß1, 212, 443, 622
TGF-ß2, 622
TGF-ß2 gene transcription, 294
three-dimensional prostate cell culture, 375
3T3-L1 adipocytes, 77
3T3-L1 preadipocytes, 791
tissue engineered muscle organoids, 659
T lymphocyte adhesion, 731
tobacco hornworm, 615
tumor cell adhesion, 182
tumor cell lines, 459
27-kDa phosphorylated protein correlates, 129
type I collagen gels, 748

UV-B irradiation, 674
uveal melanoma, 236

vasoactive intestinal contractor (VIC), 751
vero cells, 748
virus titration, 28
vitamin D, 310

whitemarked tussock moth, 487
WST-1 assay, 28